



130 W Cochran St, Unit B

Simi Valley, CA 93065

Tel:818-701-4933

Process Change Notification (PCN)

Notification number:	122425-1
Notification date:	24 Dec 2025
Proposed implementation date:	24 Mar 2026 (90 days notification before change, according to JEDEC standard)
Product type affected:	Please refer to table 1 in Appendix 1.
Change Category	Additional new 2nd source
Change Classification	Major
Change description:	To ensure the ability to continue business operation, it has determined with 2nd source (Dual) in case of unforeseen event interruption. Remark: Full electrical characterization and high reliability testing has been completed to ensure there is no change to device functionality or electrical specifications in the datasheet.
Reason for change:	To support increasing market demand and supply continuity.
Deposition of old product	Existing inventory will ship until depleted.
Identification of Changed product:	Identify the change based on Lot NO & DC
Contact person:	Please contact your respective Account manager (AM) / Inside sales representative (ISR/CSR) if you have further query.
Approved by:	TH Koay (Director of Product) Steve Zhang (Director of Supply Chain) Seaman Wu (Director of Quality) Pamela Cheng (GM & EVP of Sales)



130 W Cochran St, Unit B

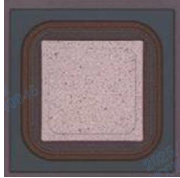
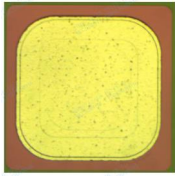
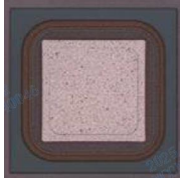
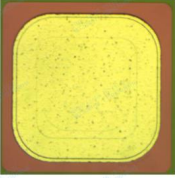
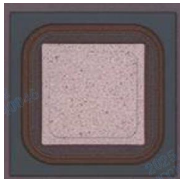
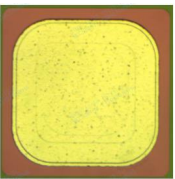
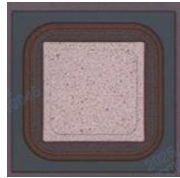
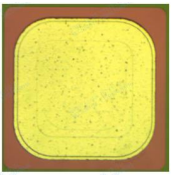
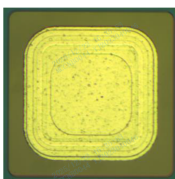
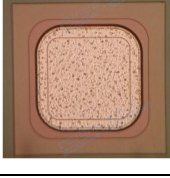
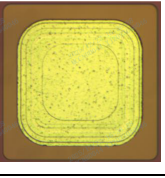
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Appendix 1: 2nd source of Chip

Product type	Package type/code	Product type	Package type/code
MMSZ5233B-TP	SOD-123	MMBZ5235C-TP	SOT-23
MMSZ5235C-TP	SOD-123	MMBZ5236B-TP	SOT-23
MMSZ5236C-TP	SOD-123	MMBZ5236C-TP	SOT-23
MMSZ5237C-TP	SOD-123	MMBZ5237C-TP	SOT-23
MMSZ5239C-TP	SOD-123	MMBZ5239B-TP	SOT-23
MMSZ5240C-TP	SOD-123	MMBZ5239C-TP	SOT-23
MMSZ5241C-TP	SOD-123	MMBZ5240B-TP	SOT-23
MMSZ5242C-TP	SOD-123	MMBZ5240C-TP	SOT-23
MMSZ5243C-TP	SOD-123	MMBZ5241C-TP	SOT-23
MMSZ5246C-TP	SOD-123	MMBZ5242C-TP	SOT-23
MMSZ5248C-TP	SOD-123	MMBZ5243B-TP	SOT-23
MMSZ5252C-TP	SOD-123	MMBZ5243C-TP	SOT-23
MMSZ5255B-TP	SOD-123	MMBZ5245C-TP	SOT-23
MMSZ5257C-TP	SOD-123	MMBZ5246B-TP	SOT-23
MMSZ5260B-TP	SOD-123	MMBZ5246C-TP	SOT-23
MMSZ5261B-TP	SOD-123	MMBZ5248C-TP	SOT-23
MMSZ5262B-TP	SOD-123	MMBZ5250C-TP	SOT-23
MMSZ5263B-TP	SOD-123	MMBZ5251B-TP	SOT-23
MMSZ5265B-TP	SOD-123	MMBZ5251C-TP	SOT-23
MMSZ5267B-TP	SOD-123	MMBZ5252B-TP	SOT-23
MMXZ5234B-TP	SOD-323	MMBZ5252C-TP	SOT-23
MMXZ5237B-TP	SOD-323	MMBZ5254B-TP	SOT-23
MMXZ5239B-TP	SOD-323	MMBZ5255C-TP	SOT-23
MMXZ5240B-TP	SOD-323	MMBZ5256B-TP	SOT-23
MMXZ5242B-TP	SOD-323	MMBZ5256C-TP	SOT-23
MMXZ5245B-TP	SOD-323	MMBZ5257B-TP	SOT-23
MMXZ5246C-TP	SOD-323	MMBZ5257C-TP	SOT-23
MMXZ5248C-TP	SOD-323	MMBZ5258B-TP	SOT-23
MMXZ5250B-TP	SOD-323	MMBZ5258C-TP	SOT-23
MMXZ5251B-TP	SOD-323	DZ23C28-TP	SOT-23
MMXZ5255B-TP	SOD-323	BZX84C10-TP	SOT-23
MMXZ5257B-TP	SOD-323	BZX84C30-TP	SOT-23
MMBZ5233B-TP	SOT-23		
MMBZ5234B-TP	SOT-23		
MMBZ5234C-TP	SOT-23		

Table 1: Chip Comparison

Representative part number	Old source	New source
MMSZ5233B-TP		
MMXZ5234B-TP		
MMBZ5233B-TP		
DZ23C28-TP		
BZX84C10-TP		
BZX84C30-TP		



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Date: 24 Dec 2025

PCN #: 122425-1

PCN Title: Additional new 2nd source

Dear Customer.

This is a PCN announcement to the above-mentioned product which is/are offered by Micro Commercial Components Corp (MCC). We would appreciate your acknowledgement of receipt of this notification within 30 days of the date of this PCN to your local ISR, sales representative. Please refer to the attached document for more information (including implementation date / product date code of this change). If you have any questions or concerns related to this PCN, please contact your local sales representative / ISR for support. *Sincerely, MCC PCN Team*

Thank you.

Yours sincerely,

PCN Team



130 W Cochran St, Unit B
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Reliability Report

Part Number: MMSZ52xxB-TP series

Date: 2025-09-04

Test Results : PASS

Test Item	Conditions	Duration	Quantity	Rejects
TEST Pre- and Post-Stress Electrical Test	T _a = 25 °C	N/A	all parts	see below
* Pre-conditioning for MSL 1	JESD22A-113 1.Temperature Cycling:-40 °C ~ 60 °C , 2.Bake:125 °C , 3. Moisture Soak:85 °C , 8 5%RH for MSL1; 4. Reflow*3Cycles:260 °C	5Cycles; 24 hours; 192hours 3Cycles	308Pcs	0
SSOP Steady State Operational	MIL-STD-750 -1 Method 1038 condition B T _j = T _{jmax} , T _a = 25 ± 5 °C , PD = Max (I _{zm} = PD / V _Z)	1000 hours	77Pcs	0
TC Temperature Cycling	JESD22-A104 -55 °C (+0,-10)/15Min~ 150(+15,-0)/15Min,	1000Cycles (500hours)	77Pcs	0
AC Autoclave	JESD22-A102 T _a = 121 °C ± 2 °C , RH = 100 % , 15psig	96 hours	77Pcs	0
H3TRB High Humidity High Temperature Reverse Bias	JESD22-A101 T _a = 85 °C ± 2 °C , RH = 85% ± 5% , 100 % VR (VR MAX = 100V)	1000 hours	77Pcs	0
RSH Resistance to Solder Heat	JESD22-B106 260 °C (+5 , -0)	10 s	30Pcs	0
SD Solderability	J-STD-002 235 °C ± 5 °C	3 s	10Pcs	0

*Remark : detail MSL of product refer to data sheet on MCC website.



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Reliability Report

Part Number: MMXZ52xxB-TP series

Date: 2025-09-04

Test Results : PASS

Test Item	Conditions	Duration	Quantity	Rejects
TEST Pre- and Post-Stress Electrical Test	T _a = 25 °C	N/A	all parts	see below
* Pre-conditioning for MSL 1	JESD22A-113 1. Temperature Cycling: -40 °C ~ 60 °C , 2. Bake: 125 °C , 3. Moisture Soak: 85 °C , 8 5%RH for MSL1; 4. Reflow*3Cycles: 260 °C	5Cycles; 24 hours; 192hours 3Cycles	308Pcs	0
SSOP Steady State Operational	MIL-STD-750 -1 Method 1038 condition B T _j = T _{jmax} , T _a = 25 ± 5 °C , PD = Max (I _{zm} = PD/VZ)	1000 hours	77Pcs	0
TC Temperature Cycling	JESD22-A104 -55 °C (+0, -10)/15Min~ 150(+15, -0)/15Min,	1000Cycles (500hours)	77Pcs	0
AC Autoclave	JESD22-A102 T _a = 121 °C ± 2 °C , RH = 100 % , 15psig	96 hours	77Pcs	0
H3TRB High Humidity High Temperature Reverse Bias	JESD22-A101 T _a = 85 °C ± 2 °C , RH = 85% ± 5% , 100 % VR (VR MAX = 100V)	1000 hours	77Pcs	0
RSH Resistance to Solder Heat	JESD22-B106 260 °C (+ 5 , - 0)	10 s	30Pcs	0
SD Solderability	J-STD-002 235 °C ± 5 °C	3 s	10Pcs	0

*Remark : detail MSL of product refer to data sheet on MCC website.



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Reliability Report

Part Number: MMBZ52xxB-TP series

Date: 2025-09-04

Test Results : PASS

Test Item	Conditions	Duration	Quantity	Rejects
TEST Pre- and Post-Stress Electrical Test	T _a = 25 °C	N/A	all parts	see below
* Pre-conditioning for MSL 1	JESD22A-113 1. Temperature Cycling:-40 °C ~ 60 °C , 2. Bake:125 °C , 3. Moisture Soak:85 °C , 8 5%RH for MSL1; 4. Reflow*3Cycles:260 °C	5Cycles; 24 hours; 192hours 3Cycles	308Pcs	0
SSOP Steady State Operational	MIL-STD-750 -1 Method 1038 condition B T _j = T _{jmax} , T _a =25±5 °C , PD=Max (I _{zm} = PD/VZ)	1000 hours	77Pcs	0
TC Temperature Cycling	JESD22-A104 -55 °C (+0,-10)/15Min~ 150(+15,-0)/15Min,	1000Cycles (500hours)	77Pcs	0
AC Autoclave	JESD22-A102 T _a = 121 °C±2 °C , RH = 100 % , 15psig	96 hours	77Pcs	0
H3TRB High Humidity High Temperature Reverse Bias	JESD22-A101 T _a = 85 °C±2 °C , RH = 85%±5% , 100 % VR (VR MAX=100V)	1000 hours	77Pcs	0
RSH Resistance to Solder Heat	JESD22-B106 260 °C (+5 , -0)	10 s	30Pcs	0
SD Solderability	J-STD-002 235 °C ± 5 °C	3 s	10Pcs	0

*Remark : detail MSL of product refer to data sheet on MCC website.



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Reliability Report

Part Number: DZ23C28-TP series

Date: 2025-09-04

Test Results : PASS

Test Item	Conditions	Duration	Quantity	Rejects
TEST Pre- and Post-Stress Electrical Test	T _a = 25 °C	N/A	all parts	see below
* Pre-conditioning for MSL 1	JESD22A-113 1.Temperature Cycling:-40 °C ~ 60 °C , 2.Bake:125 °C , 3. Moisture Soak:85 °C , 8 5%RH for MSL1; 4. Reflow*3Cycles:260 °C	5Cycles; 24 hours; 192hours 3Cycles	308Pcs	0
SSOP Steady State Operational	MIL-STD-750 -1 Method 1038 condition B T _j = T _{jmax} , T _a =25±5 °C , PD=Max (I _{zm} = PD/VZ)	1000 hours	77Pcs	0
TC Temperature Cycling	JESD22-A104 -55 °C (+0,-10)/15Min~ 150(+15,-0)/15Min,	1000Cycles (500hours)	77Pcs	0
AC Autoclave	JESD22-A102 T _a = 121 °C±2 °C , RH = 100 % , 15psig	96 hours	77Pcs	0
H3TRB High Humidity High Temperature Reverse Bias	JESD22-A101 T _a = 85 °C±2 °C , RH = 85%±5% , 100 % VR (VR MAX=100V)	1000 hours	77Pcs	0
RSH Resistance to Solder Heat	JESD22-B106 260 °C (+ 5 , -0)	10 s	30Pcs	0
SD Solderability	J-STD-002 235 °C ± 5 °C	3 s	10Pcs	0

*Remark : detail MSL of product refer to data sheet on MCC website.



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Reliability Report

Part Number: BZX84C10-TP

Date: 2025-09-04

Test Results : PASS

Test Item	Conditions	Duration	Quantity	Rejects
TEST Pre- and Post-Stress Electrical Test	T _a = 25 °C	N/A	all parts	see below
* Pre-conditioning for MSL 1	JESD22A-113 1. Temperature Cycling: -40 °C ~ 60 °C , 2. Bake: 125 °C , 3. Moisture Soak: 85 °C , 8 5%RH for MSL1; 4. Reflow*3Cycles: 260 °C	5Cycles; 24 hours; 192hours 3Cycles	308Pcs	0
SSOP Steady State Operational	MIL-STD-750 -1 Method 1038 condition B T _j = T _{jmax} , T _a = 25 ± 5 °C , PD = Max (I _{zm} = PD/VZ)	1000 hours	77Pcs	0
TC Temperature Cycling	JESD22-A104 -55 °C (+0, -10)/15Min~ 150(+15, -0)/15Min,	1000Cycles (500hours)	77Pcs	0
AC Autoclave	JESD22-A102 T _a = 121 °C ± 2 °C , RH = 100 % , 15psig	96 hours	77Pcs	0
H3TRB High Humidity High Temperature Reverse Bias	JESD22-A101 T _a = 85 °C ± 2 °C , RH = 85% ± 5% , 100 % VR (VR MAX = 100V)	1000 hours	77Pcs	0
RSH Resistance to Solder Heat	JESD22-B106 260 °C (+5 , -0)	10 s	30Pcs	0
SD Solderability	J-STD-002 235 °C ± 5 °C	3 s	10Pcs	0

*Remark : detail MSL of product refer to data sheet on MCC website.



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Reliability Report

Part Number: BZX84C30-TP

Date: 2025-09-04

Test Results : PASS

Test Item	Conditions	Duration	Quantity	Rejects
TEST Pre- and Post-Stress Electrical Test	T _a = 25 °C	N/A	all parts	see below
* Pre-conditioning for MSL 1	JESD22A-113 1. Temperature Cycling: -40 °C ~ 60 °C , 2. Bake: 125 °C , 3. Moisture Soak: 85 °C , 8 5%RH for MSL1; 4. Reflow*3Cycles: 260 °C	5Cycles; 24 hours; 192hours 3Cycles	308Pcs	0
SSOP Steady State Operational	MIL-STD-750 -1 Method 1038 condition B T _j = T _{jmax} , T _a = 25 ± 5 °C , PD = Max (I _{zm} = PD/VZ)	1000 hours	77Pcs	0
TC Temperature Cycling	JESD22-A104 -55 °C (+0, -10)/15Min~ 150(+15, -0)/15Min,	1000Cycles (500hours)	77Pcs	0
AC Autoclave	JESD22-A102 T _a = 121 °C ± 2 °C , RH = 100 % , 15psig	96 hours	77Pcs	0
H3TRB High Humidity High Temperature Reverse Bias	JESD22-A101 T _a = 85 °C ± 2 °C , RH = 85% ± 5% , 100 % VR (VR MAX = 100V)	1000 hours	77Pcs	0
RSH Resistance to Solder Heat	JESD22-B106 260 °C (+ 5 , - 0)	10 s	30Pcs	0
SD Solderability	J-STD-002 235 °C ± 5 °C	3 s	10Pcs	0

*Remark : detail MSL of product refer to data sheet on MCC website.